

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074574.D
 Acq On : 17 Sep 2022 22:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 03:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	213772	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	418640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	389910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	181236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194657	53.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.340%			
35) Dibromofluoromethane	7.951	113	146564	52.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	10.380	98	549257	51.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.669	95	187036	50.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	103797	44.614	ug/l	99
3) Chloromethane	2.263	50	221642	56.604	ug/l	95
4) Vinyl Chloride	2.405	62	279386	66.714	ug/l	95
5) Bromomethane	2.781	94	200391	90.736	ug/l	97
6) Chloroethane	2.946	64	199973	69.907	ug/l	93
7) Trichlorofluoromethane	3.304	101	226726	49.026	ug/l	94
8) Diethyl Ether	3.763	74	115535	48.990	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.140	101	142781	49.904	ug/l	88
10) Methyl Iodide	4.351	142	178212	52.801	ug/l	94
11) Tert butyl alcohol	5.287	59	296732	251.135	ug/l	# 86
12) 1,1-Dichloroethene	4.110	96	142598	50.592	ug/l	83
13) Acrolein	3.975	56	115714	268.172	ug/l	97
14) Allyl chloride	4.757	41	344625	51.262	ug/l	# 94
15) Acrylonitrile	5.469	53	754050	284.064	ug/l	99
16) Acetone	4.216	43	658541	283.730	ug/l	95
17) Carbon Disulfide	4.451	76	357437	46.298	ug/l	97
18) Methyl Acetate	4.769	43	395420	54.851	ug/l	# 88
19) Methyl tert-butyl Ether	5.528	73	622246	52.439	ug/l	95
20) Methylene Chloride	5.004	84	179302	50.600	ug/l	# 80
21) trans-1,2-Dichloroethene	5.510	96	153811	49.740	ug/l	95
22) Diisopropyl ether	6.410	45	763015	56.521	ug/l	# 94
23) Vinyl Acetate	6.345	43	3489491	293.069	ug/l	# 90
24) 1,1-Dichloroethane	6.298	63	342587	50.769	ug/l	98
25) 2-Butanone	7.257	43	1144211	296.920	ug/l	91
26) 2,2-Dichloropropane	7.239	77	185755	31.929	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	195138	49.298	ug/l	94
28) Bromochloromethane	7.587	49	111247	55.986	ug/l	# 65
29) Tetrahydrofuran	7.604	42	769302	303.629	ug/l	# 82
30) Chloroform	7.745	83	340091	54.605	ug/l	98
31) Cyclohexane	8.022	56	318916	49.535	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	274817	50.310	ug/l	94
36) 1,1-Dichloropropene	8.151	75	240230	48.804	ug/l	96
37) Ethyl Acetate	7.339	43	438354	57.664	ug/l	# 93
38) Carbon Tetrachloride	8.139	117	222793	49.022	ug/l	96
39) Methylcyclohexane	9.392	83	286273	48.909	ug/l	93
40) Benzene	8.392	78	789582	51.873	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	204486	55.639	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	280776	53.753	ug/l	97
43) Isopropyl Acetate	8.498	43	663376	55.711	ug/l #	90
44) Trichloroethene	9.151	130	159651	48.472	ug/l	79
45) 1,2-Dichloropropane	9.428	63	217944	52.100	ug/l	96
46) Dibromomethane	9.510	93	138189	52.745	ug/l #	81
47) Bromodichloromethane	9.698	83	269234	52.415	ug/l	100
48) Methyl methacrylate	9.498	41	306091	57.974	ug/l #	82
49) 1,4-Dioxane	9.510	88	110008	1083.730	ug/l #	90
51) 4-Methyl-2-Pentanone	10.275	43	2363112	303.907	ug/l	87
52) Toluene	10.445	92	480245	53.804	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	290453	48.518	ug/l	99
54) cis-1,3-Dichloropropene	10.133	75	305126	47.628	ug/l #	83
55) 1,1,2-Trichloroethane	10.839	97	198930	52.616	ug/l	95
56) Ethyl methacrylate	10.704	69	362315	53.648	ug/l #	72
57) 1,3-Dichloropropane	10.986	76	355947	53.696	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	734563	247.144	ug/l #	89
59) 2-Hexanone	11.027	43	1838532	309.729	ug/l	85
60) Dibromochloromethane	11.180	129	198980	54.976	ug/l	100
61) 1,2-Dibromoethane	11.286	107	194454	52.943	ug/l	99
64) Tetrachloroethene	10.916	164	124152	46.397	ug/l	90
65) Chlorobenzene	11.710	112	487653	49.819	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	180477	50.747	ug/l	98
67) Ethyl Benzene	11.786	91	946107	52.645	ug/l	96
68) m/p-Xylenes	11.892	106	690876	103.975	ug/l	94
69) o-Xylene	12.222	106	346312	51.118	ug/l	96
70) Styrene	12.233	104	584645	51.879	ug/l	98
71) Bromoform	12.398	173	137033	52.425	ug/l #	98
73) Isopropylbenzene	12.521	105	901602	48.585	ug/l	99
74) N-amyl acetate	12.333	43	602282	51.909	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.774	83	354990	47.735	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	269986m	48.397	ug/l	
77) Bromobenzene	12.798	156	192289	48.507	ug/l	76
78) n-propylbenzene	12.863	91	1088623	49.255	ug/l	94
79) 2-Chlorotoluene	12.951	91	620886	47.058	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	746431	49.343	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.569	75	103789	40.155	ug/l	94
82) 4-Chlorotoluene	13.045	91	607748	48.461	ug/l	96
83) tert-Butylbenzene	13.269	119	652964	47.428	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	743651	48.849	ug/l	98
85) sec-Butylbenzene	13.445	105	956573	50.602	ug/l	96
86) p-Isopropyltoluene	13.557	119	755973	51.297	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	353765	48.564	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	346458	47.323	ug/l	98
89) n-Butylbenzene	13.886	91	668874	50.354	ug/l	94
90) Hexachloroethane	14.151	117	148325	46.257	ug/l	78
91) 1,2-Dichlorobenzene	13.927	146	361866	47.883	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	78456	47.777	ug/l	78
93) 1,2,4-Trichlorobenzene	15.198	180	174584	48.490	ug/l	99
94) Hexachlorobutadiene	15.304	225	70502	44.555	ug/l	99
95) Naphthalene	15.439	128	745491	48.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	174205	46.781	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

